

**A TELECOMMUNICATIONS SYSTEM FOR MINIMIZING THE EFFECT
OF WHITE NOISE DATA PACKETS FOR THE GENERATION OF
REQUIRED WHITE NOISE ON TRANSMISSION
CHANNEL UTILIZATION**

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Abstract

Minimizing the effects of the requisite AGWN packets on transmission channel utilization without diminishing any of the aesthetic quality of the AGWN white noise on the voice or audio communication. A system for

10 minimizing the effect of required generated background noise on said transmission channel utilization comprising the combination of an implementation for forming a transmission stream of sequential digital audio data packets, associating with each audio packet a data code

15 representation of the payload data packet enabling the generation of said background noise and an implementation at a receiving station, responsive to each of said data representations for forming the represented payload data packet enabling said generation of background noise

20 together with means at said receiving station for interspersing said formed payload packets enabling background noise generation between said associated audio data packets and background noise generating means, at said receiving station, responsive to said enabling

25 payload packets for generating the background noise between the audio data packets.